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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 4

Complete If Known

Application Number	10/551,480
Filing Date	September 29, 2005
First Named Inventor	Terrence Kolenc et al.
Art Unit	3751
Examiner Name	not yet assigned
Attorney Docket Number	22188/07058

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/JKF/		US- 1,069,067	07/29/13	Huxford	
/JKF/		US- 1,118,649	11/24/14	Halter	
/JKF/		US- 2,236,253	03/25/41	Testori	
/JKF/		US- 2,856,148	10/14/58	Heathcote et al.	
/JKF/		US- 4,377,892	03/29/83	Gonzalez	
/JKF/		US- 4,687,017	08/18/87	Danko et al.	
/JKF/		US- 4,754,950	07/05/88	Tada et al.	
/JKF/		US- 4,828,219	05/09/89	Ohmi et al.	
/JKF/		US- 4,867,201	09/19/89	Carten	
/JKF/		US- 4,953,826	09/04/90	Ohmi et al.	
/JKF/		US- 5,108,069	04/28/92	Tada et al.	
/JKF/		US- 5,112,027	05/12/92	Hanyu et al.	
/JKF/		US- 5,131,627	07/21/92	Kolenc	
/JKF/		US- 5,186,434	02/16/93	Nishimura et al.	
/JKF/		US- 5,201,492	04/13/93	Beauvir	
/JKF/		US- 5,215,286	06/01/93	Kolenc	
/JKF/		US- Re34,303	07/06/93	Ohmi et al.	
/JKF/		US- 5,253,671	10/19/93	Kolenc	
/JKF/		US- 5,295,660	03/22/94	Honma	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/JKF/		DE 1900352	09/11/69	Waldenmaier		
/JKF/		EP 512674	11/11/92	Masako Kiyohara		
/JKF/		EP 756117	01/29/97	Fujikin Incorporated		
/JKF/		EP 780611	06/25/97	Applied Materials		
/JKF/		EP 932781	08/04/99	Parker-Hannifin		
/JKF/		GB-199,672	06/28/23	Blakeborough		

Examiner
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/John K. Fristoe Jr/

Date
Considered

04/24/2007

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet **2** of **4****Complete if Known**

Application Number	10/551,480
Filing Date	September 29, 2005
First Named Inventor	Terrence Kolenc et al.
Art Unit	3751
Examiner Name	not yet assigned
Attorney Docket Number	22188/07058

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		Number-Kind Code ² (if known)			
/JKF/		US- 5,295,662	03/22/94	Yamaji et al.	
/JKF/		US- 5,326,078	07/05/94	Kimura	
/JKF/		US- 5,327,937	07/12/94	Kato et al.	
/JKF/		US- 5,335,691	08/09/94	Kolenc	
/JKF/		US- 5,413,311	05/09/95	Arstein et al.	
/JKF/		US- 5,485,984	01/23/96	Itoi et al.	
/JKF/		US- 5,524,865	06/11/96	Uchisawa et al.	
/JKF/		US- 5,551,477	09/03/96	Kanno et al.	
/JKF/		US- 5,653,419	08/05/97	Uchisawa et al.	
/JKF/		US- 5,730,423	03/24/98	Wu et al.	
/JKF/		US- 5,755,428	05/26/98	Ollivier	
/JKF/		US- 5,820,105	10/13/98	Yamaji et al.	
/JKF/		US- 5,829,472	11/03/98	Greenwood et al.	
/JKF/		US- 5,851,004	12/22/98	Wu et al.	
/JKF/		US- 5,897,099	04/27/99	Fujimoto et al.	
/JKF/		US- 5,906,353	03/25/99	Someya et al.	
/JKF/		US- 5,967,492	10/19/99	Navratil et al.	
/JKF/		US- 6,092,550	07/25/00	Gotch et al.	
/JKF/		US- 6,093,303	07/25/00	Williams et al.	

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/JKF/		GB 367,098 ✓ 05/94	02/18/32	Friedrich Axt		
/JKF/		JP 3079875 ✓	04/04/91	Benkan Corp.		

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/John K. Fristoe Jr/

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Sheet 3

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/JKF/		US- 6,138,712	10/31/00	Hirose	
/JKF/		US- 6,164,624	12/26/00	Watanabe et al.	
/JKF/		US- 6,165,597	12/26/00	Williams et al.	
/JKF/		US- 6,189,861	02/20/01	Gotch et al.	
/JKF/		US- 6,340,148	01/22/02	Sung	
/JKF/		US- 6,341,758	01/29/02	Shih et al.	
/JKF/		US- 6,357,339	03/19/02	Ejiri	
/JKF/		US- 6,397,628	06/04/02	Watanabe et al.	
/JKF/		US- 6,461,448	10/08/02	Williams et al.	
/JKF/		US- 6,508,453	01/21/03	Mamyo	
/JKF/		US- 6,547,888	04/15/03	Williams et al.	
/JKF/		US- 2002/0092999	07/18/02	Longo et al.	
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/John K. Fristoe Jr/

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Application Number

10/551.480

Filing Date

September 29, 2005

First Named Inventor

Terrence Kolenc et al.

Art Unit

3751

Examiner Name

not yet assigned

Attorney Docket Number

22188/07058

NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
Signature**

/John K. Fristoe Jr/

Date _____

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